

ABSTRACT

A cache device and a method for controlling cached data that enable efficient use of a storage area and improve the hit ratio are provided. When cache replacement is carried
5 out in cache devices connected to each other through networks, data control is carried out so that data blocks set to a deletion pending status in each cache device, which includes lists regarding the data blocks set to a deletion pending status, in a cache group are different from those in
10 other cache devices in the cache group. In this way, data control using deletion pending lists is carried out. According to the system of the present invention, a storage area can be used efficiently as compared with a case where each cache device independently controls cache replacement,
15 and data blocks stored in a plurality of cache devices are collected to be sent to terminals in response to data acquisition requests from the terminals, thereby facilitating network traffic and improving the hit rate of the cache devices.